

INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT -  
SEPARATE SHEET

International application No.  
PCT/DE2004/000366

JU05 Rec'd PCT/PTO 16 SEP 2005

Re: Item V

Justified finding with regard to novelty, inventive step and industrial applicability; documents and statements to support this finding

1.

Reference is made to the following document:

D1: US 4 340 846

2.

The present application does not comply with the requirements of Article 33(2) PCT because the subject matter of claims 1 and 10 is not novel:

2.1 Claim 1:

The document D1 discloses (the references in brackets refer to this document)

a magnetic linear drive (column 1, lines 17-21)

having a base (Figure 1, No. 2,4)

and a first movable part (Figure 1, No. 8,10,12,14,16) which can be moved along an axis (Figure 1, No. 18; column 3, lines 22-23 "crosshead shaft")

wherein a first force effect for movement of the first movable part can be produced between the base and the first movable part (column 3, lines 5-8, 13-15, 25-20; Figures 1, 2), characterized in that a force effect for movement of the second movable part can be produced (column 3, lines 25-28; Figures 1, 2) between the first movable part and a second part which can be moved along the axis (Figure 1, No. 6, 18).

(With regard to any implicit difference between the "first" and "second force effect", it can be stated that one of the "stationary parts" (2, 4) is magnetized in order to produce the first force effect, while the second movable part (6) is magnetized in order to produce the second force effect).

The subject matter of claim 1 is thus not novel (Article 33(2) PCT).

2.2 Claim 10:

The document D1 discloses (the references in brackets relate to this document) a method for operation of a magnetic linear drive as claimed in one of claims 1 to 8 (see 2.1) characterized in that the time sequence of the movements of the first and of the second movable part is influenced by means of a control apparatus using at least one of the field windings (column 3, lines 63 et seqq., Figure 3).

The subject matter of claim 10 is thus not novel (Article 33(2) PCT).

3.

The dependent claims 2-4 and 6 are likewise not novel in the sense of Article 33(2) PCT.

Claims 2, 3: column 3, lines 25-28.

Claim 4: Figure 1, Nos. 6, 12.

Claim 6: Figure 1, Nos. 14, 16. Since the coils are wound on the first moving part, they are arranged at a rigid angle on it.

4.

The feature combination contained in claims 5 and 7-9 is neither known from the present prior art nor is it obvious from it.